

19991122.qrp v01_n647.qrl.991122

Date: Mon, 22 Nov 1999 19:03:10 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1647

QRP-L Digest 1647

Topics covered in this issue include:

- 1) [56460] Red Hot 20
by Ed Vines <evines@garlic.com>
- 2) [56461] HELP:Justin Inc. Mini-Com 15M SSB xcvr
by Jared Smith <smithrb@mediaone.net>
- 3) [56462] FYI Correction
by "Junius Fox" <w5hir@ghg.net>
- 4) [56463] 5C8M on 4 watts and indoor st louis vertical.
by WB9MII@aol.com
- 5) [56464] Re: Z- match verses T- match
by Bob Kellogg <ae4ic@nr.infi.net>
- 6) [56465] QRP Sweepstakes
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 7) [56466] ANT: Indoor Antennas
by "Ron Smith" <resmith666@uswest.net>
- 8) [56467] MFJ-1296 40-2 meter vertical 4 sale
by Jim/Julia <w7ls@blarg.net>
- 9) [56468] Trade HW-8 for KPC-3+ TNC
by "Randall" <Firefox@Southwind.net>
- 10) [56469] SS Phone; K7FD at 10w PEP
by "K7FD-N7SG" <cqdx@teleport.com>
- 11) [56470] SS Phone Test !!!
by Joel Malman <malman@world.std.com>
- 12) [56471] Re: SS Phone; K7FD at 10w PEP
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 13) [56472] November SSB Sweeps
by "Bertie Hightower" <bertieh@extremezone.com>
- 14) [56473] NQ2RP ARRL SS PHONE SOQRP (Of course!)
by wb2vuo@juno.com
- 15) [56474] Re: SS Phone; K7FD at 10w PEP
by martyw@tn.freei.net (Marty Watt)
- 16) [56475] Re: SS Phone; K7FD at 10w PEP
by Monte Stark <ku7y@dri.edu>
- 17) [56476] Re: SS Phone; K7FD at 10w PEP
by "K7FD-N7SG" <cqdx@teleport.com>
- 18) [56477] FS: Kanga Powermeter kit
by pete@c-zone.net
- 19) [56478] Sweepstakes results

- by CQCL@aol.com
- 20) [56479] Re: Red Hot 20
by Bob Nielsen <nielsen@primenet.com>
- 21) [56480] Re: SS Phone; K7FD at 10w PEP
by CQCL@aol.com
- 22) [56481] Re: WTB: Super CMOS 3 Keyer kit
by "Marshall Emm" <mgemm@mtechnologies.com>
- 23) [56482] Re: SS Phone; K7FD at 10w PEP
by "K7FD-N7SG" <cqdx@teleport.com>
- 24) [56483] Re: SS Phone; K7FD at 10w PEP
by Monte Stark <ku7y@dri.edu>
- 25) [56484] Re: SS Phone; K7FD at 10w PEP
by Bob Patten <n4bp@bc.seflin.org>
- 26) [56485] Re: SS Phone; K7FD at 10w PEP
by Bob Patten <n4bp@bc.seflin.org>
- 27) [56486] [3830] ARRL SS SSB N6RT SO Low Power (fwd)
by Bob Patten <n4bp@bc.seflin.org>
- 28) [56487] Re: Red Hot 20
by Dave Fifield <fifield@pacbell.net>
- 29) [56488] RE: of coax and tuners
by Karl Kanalz <KKanalz@excel.com>
- 30) [56489] FOX: N/T+ Saturday Night Special
by "Terry Bassett" <mutabut@net66.com>
- 31) [56490] Re: of coax and tuners
by Michael Neverdosky <mneverdosky@earthlink.net>
- 32) [56491] CW "goodies" FS
by "Ken Simpson" <W8EK@fdt.net>
- 33) [56492] K2 160 meter log.....de Jack, WA7LNW
by Jack Reed <wa7lnw@infowest.com>
- 34) [56493] Re: SS Phone; K7FD at 10w PEP
by Roger Hightower <n7kt@earthlink.net>
- 35) [56494] SGC-2020 FS
by "Pete Meier" <pete.meier@lmsna.com>
- 36) [56495] Re: web site for manulas
by "Tim Stabler" <tstabler@iunhaw1.iun.indiana.edu>
- 37) [56496] 10W PEP X QRP
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 38) [56497] Re: web site for manulas
by "W5TB - 'Doc' Drake" <w5tb@softhome.net>
- 39) [56498] PEP SS
by "Walt Amos" <waltamos@surfree.com>
- 40) [56499] Max power Qrp in SSB Contests
by Dave Sjolín <sjolin@swbell.net>
- 41) [56500] Re: [azqrp] November SSB Sweeps
by Brian Kassel <bkassel@dancris.com>
- 42) [56501] FS or TRADE:LapTop for FRS Transceivers
by Bill Jones <kd7s@psnw.com>
- 43) [56502] Re: SS Phone; K7FD at 10w PEP

- by Bob Patten <n4bp@bc.seflin.org>
- 44) [56503] Wire beam, low in branches works!
by Jim Hale <kj5tf@yahoo.com>
- 45) [56504] Re: SS Phone; K7FD at 10w PEP
by Monte Stark <ku7y@dri.edu>
- 46) [56505] Measuring Transistor Beta?
by "Nick Kennedy" <nkennedy@cswnet.com>
- 47) [56506] Code pratice software for Mac
by "Tom Hybiske" <hybiske@generalatronics.com>
- 48) [56507] RE: Measuring Transistor Beta?
by Karl Kanalz <KKanalz@excel.com>
- 49) [56508] Norcal QRP Net results.
by Ed Loranger <we6w@qsl.net>
- 50) [56509] RE: web site for manulas
by "Mike D." <hrg@megsinet.net>
- 51) [56510] Re: SS Phone; K7FD at 10w PEP
by CQCL@aol.com
- 52) [56511] WTB TT argosy accessories
by James Skalski <jskalski@localnet.com>
- 53) [56512] RS Mike for K2
by "Bob White" <bobwhite@innercite.com>
- 54) [56513] Fw: K2 Mike and K2 Case
by "Bob White" <bobwhite@innercite.com>
- 55) [56514] Re: Code pratice software for Mac
by John Seney <wd1v@amsat.org>
- 56) [56515] Re: WTB TT argosy accessories
by James Skalski <jskalski@localnet.com>
- 57) [56516] TIP50 deal
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 58) [56517] FS: Kanga Powermeter kit
by "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
- 59) [56518] CONTEST: SS Phone Test !!!
by "Kevin Glynn" <9glynn@sverdrup.com>
- 60) [56519] FS: QRP related equipment
by DNT1@daimlerchrysler.com
- 61) [56520] RE: TIP50 deal... there's more
by "Ed Tanton" <n4xy@att.net>
- 62) [56521] Phone SS
by Larry Cahoon <wd3p@juno.com>
- 63) [56522] CONTEST: SS on 5w
by Tom M <tjmc@erols.com>
- 64) [56523] Latest Arkansas QRP club newsletter on website
by Jim Hale <kj5tf@yahoo.com>
- 65) [56524] Mobile antennas, antennas & tuners
by Nils R Young <nilsbull@juno.com>
- 66) [56525] Z-match vs T-match
by Nils R Young <nilsbull@juno.com>
- 67) [56526] No SS SSB sweep

by "Floyd Smithberg" <flydnq7x@primenet.com>
68) [56527] TT argosy?
by James Skalski <jskalski@localnet.com>

Date: Sun, 21 Nov 1999 16:00:22 -0800
From: Ed Vines <evines@garlic.com>
To: qrp-1@lehigh.edu
Subject: [56460] Red Hot 20
Message-ID: <4.1.19991121154347.00924e30@pop.garlic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello All,
I am finishing up building a Red Hot 20, after having a lot of fun with the RH 40. These are nice rigs.

My problem is that the version 2.1 manual differs from the schematic concerning the number of turns for the L6 and L7 toroids. The RH20 Manual v2.1 shows L6 to have 8 turns and L7 to have 7 turns. The schematic shows L6 to have 14 turns and L7 to have 13 turns. The schematic has a more recent date, Nov. 11 vs Oct. 1999 for the manual.

Has anyone built the newer version of the RH20 ? Does the difference matter, since the ratios are basically the same ?

I have e-mailed Dave Fifeild about this, but would like to get some suggestions soon as replies from him take quite a long while.

tnx es 72,
Ed
KG6WU in Gilroy,CA

Date: Sun, 21 Nov 1999 19:01:18 -0500
From: Jared Smith <smithrb@mediaone.net>
To: qrp-1@Lehigh.EDU
Subject: [56461] HELP:Justin Inc. Mini-Com 15M SSB xcvr
Message-ID: <383887CE.A99E1FCC@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I recently picked up a "Mini-Com" 15M SSB transceiver produced by Justin Inc. in the early 1970's (according to a date code on the circuit

board). Does anyone have any info on this rig, or know where I can find some? It seems like a nice little QRP SSB rig. Thanks.

Rich WB2DDB

Date: Sun, 21 Nov 1999 18:06:03 -0600
From: "Junius Fox" <w5hir@ghg.net>
To: <qrp-1@lehigh.edu>
Subject: [56462] FYI Correction
Message-ID: <004501bf347d\$5e699f80\$1baf90d0@FOX>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Troops,

I didn't realize that I had a mistake in my URL. The address for my "Page" is now correct. I did have a comma instead of a period in the address ... Sorry

Regards,

Foxy
w5hir@ghg.net
<http://www.qsl.net/w5hir>

Date: Sun, 21 Nov 1999 20:19:31 EST
From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [56463] 5C8M on 4 watts and indoor st louis vertical.
Message-ID: <0.2119ca5e.2569f423@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Got 5C8M with the mighty MFJ and SLV hung on the wall.....got him on the first call...

Take care

72

Greg WB9MII

Date: Sun, 21 Nov 1999 20:23:07 -0800
From: Bob Kellogg <ae4ic@nr.infi.net>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56464] Re: Z- match verses T- match
Message-ID: <3838C52B.9F87D5C6@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Rick,

kc8aon@juno.com wrote:

>
> CQ the gang,
> I am in the dark about the Z-match,

The "W6SAI HF Antenna Handbook", William I. Orr, has a good explanation of Z-Matches with enough practical examples to build several.

Volume 3 of the ARRL Antenna Compendium has a nice article by Charlie Lofgren, W6JJZ, with several Z-Match circuits and component values listed.

Volume 5 of the ARRL Antenna Compendium has another article by Charlie Lofgren, W6JJZ, on an improved Z-Match with construction information.

Hope this helps.

CUL,
Bob Kellogg, AE4IC Greensboro, NC
Prolably, not nececelery. - Benny Hill

Date: Sun, 21 Nov 1999 20:42:58 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [56465] QRP Sweepstakes
Message-ID: <38389FA2.D34738BF@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A very good weekend for QRPSSB. 15 and 10 were very hot for me and my QRP state totals are now up to 46!!! All I need is Idaho, Montana, Utah and, surprisingly, Delaware. If 10 stays as nice as it has been I hope to grab the rest during the December 10 meter contest.

I worked N7VY in Arizona QRP to QRP.

I'll tell you something, when your getting the job done with 5 watts, its kind of funny to listen to those guys with linears in California and Texas shouting at each other.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sun, 21 Nov 1999 18:47:33 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56466] ANT: Indoor Antennas
Message-ID: <0e4f01bf348b\$9d497a00\$02000000a@NET.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone have any experience with temporary antennas hung on a wall inside a house with aluminum siding? Short distances are ok for testing, but I would rather hear about two or three state experience.

Thanks group...

72

Ron Smith - KD7VD - Boise, Idaho

Date: Sun, 21 Nov 1999 17:57:21 -0800
From: Jim/Julia <w7ls@blarg.net>
To: qrp-1@lehigh.edu

Subject: [56467] MFJ-1296 40-2 meter vertical 4 sale
Message-ID: <3838A301.DB582974@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I have an MFJ-1796 antenna for sale. It is a vertical antenna that covers 40 through 2 meters, believe it or not. Kinda like a GAP, I guess. Fed in the middle and has all sorts of resonating whatchajiggers on it. MFJ wants \$200 for it. I'll take \$100 and shipping, if you want it. Please go to the MFJ page and look at their manual that is available online. I'm not the expert on it. Jim W7LS Duvall, WA 98019

Date: Sun, 21 Nov 1999 20:31:59 -0600
From: "Randall" <Firefox@Southwind.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [56468] Trade HW-8 for KPC-3+ TNC
Message-ID: <002501bf3491\$c15468a0\$5a5986d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Will trade for a good working KPC-3+. (Must be a "plus")
I do have a HW-8 with manual and HW Handbook , also several pages of info on mods and stuff for the HW-8.
The radio is clean except for a aprox. 3/8" circular mark on one side toward the bottom , this is through the paint.
Testing it through a WM-2 into a dummy load 80m is 1.4W , 40M is 1.5W , 20M & 15M is right at 2W.
It has a light added to both the meter and dial , controled by a three position swithc (off , low , bright) and a switch to chose between hi and low impedance phones.
Drop me a line if interested.

thanks

Date: Mon, 22 Nov 1999 03:18:06 -0800
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [56469] SS Phone; K7FD at 10w PEP
Message-ID: <002301bf34db\$41e56ca0\$a6231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Clean Sweep in the final minutes when I finally worked my own section!!
Final Score 19,434....123 Q's x 79 sections.

The real story was THIS sweep was end to end and after a Sweep earlier in
the contest for N7SG multi-op effort with my xyl!

One weekend, Two Sweeps...

72 John K7FD

PS. QRP Sweep station was K2 powered...got fantastic reports all the way...

Date: Sun, 21 Nov 1999 22:45:52 -0500 (EST)
From: Joel Malman <malman@world.std.com>
To: qrp-1@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [56470] SS Phone Test !!!
Message-ID: <199911220345.WAA01410@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

The ARRL SS Phone was really great. Mostly worked 10 (day time)
40 and 80 (night time). 5 watts and a big dipole.

10m was really open... Worked 2 AK stations -- and 2 Hawaii from
here in EMA! Also nice to nab Mr. Baked Potato (N4BP) on 10m.

>>>>> Thanks Paul for the great 10m conditions. <<<<<<

Total Q's = 220, number of sections = ?? (I'm still doing the QRP
happy dance) so have not checked the logs for section count.
(I know it's not a clean sweep).

Did NOT work any other Q station .. strange. I expected to hear a
lot of those K2's with the SSB option, on the air. Maybe next year.

Anyway: great fun... what a ride!

--

/joel K1QM (K1 Queen Mary) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Sun, 21 Nov 1999 19:52:53 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <cqdx@teleport.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [56471] Re: SS Phone; K7FD at 10w PEP
Message-ID: <19991122035251.QVP11314@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Congratulations, John, but you failed to tell us either your home QTH or your section which enabled the ''clean sweep.'' I'm wondering if you had the lowest-QSO total for a clean sweep --- might look into that by asking ARRL folks if it could be a record.

72/73 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
url: <http://alan.kaul.home.att.net/>
e-mail: w6rcl@amsat.org

Date: Sun, 21 Nov 1999 21:08:55 -0700
From: "Bertie Hightower" <bertieh@extremezone.com>
To: "azqrp" <azqrp@extremezone.com>, "qrpl" <qrp-l@lehigh.edu>
Subject: [56472] November SSB Sweeps
Message-ID: <000701bf349f\$4c3eed20\$2d1df5cc@2d32a>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just finished my first contest ever, today using the Elecraft K2. Managed 114 contacts in 54 sections for a total of 12,312 points...WHAT A BLAST!!!!

The rig worked wonderfully...very easy to use after initial training from Bob (KI7MN :)) No QRP contacts, however, received several positive comments on the "Q" signal.

Can't wait for next year :-)

73,

Bertie
N7XJW, Chandler, Arizona

Date: Sun, 21 Nov 1999 23:08:54 -0500
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [56473] NQ2RP ARRL SS PHONE SOQRP (Of course!)
Message-ID: <19991121.230856.-191333.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

It's over for another year, and the B/BAMS Sweeps log has been sent to the ARRL

I did not have the full weekend, but made a show of it as much as I could. Here's the claimed score:

146 QSO's x 63 Sects's = 18,396 points (claimed)

Almost got WAS/QRP in 9 hours of operating. Missed ME/DE/WI/WY/NV, and heard all of them except for DE. The big surprise was AK/PAC/PR/VI in the first few hours.

As for sections, the various VE sections eluded me again. I never heard MAR/NL/NWT and did not get QC.

All wire antennae again this year. I guess that I need to store yet another tribander out in the barn before I will actually assemble one and get it in the air.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

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Date: Mon, 22 Nov 1999 04:19:30 GMT
From: martyw@tn.freei.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56474] Re: SS Phone; K7FD at 10w PEP
Message-ID: <3838c313.121164652@mail.tn.freei.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sun, 21 Nov 1999 19:52:53 -0800, "Alan Kaul" =
<alan.kaul@worldnet.att.net>
wrote:

>Congratulations, John, but you failed to tell us either your home QTH =
>or
>your section which enabled the ''clean sweep.'' I'm wondering if you =
>had
>the lowest-QSO total for a clean sweep --- might look into that by =
>asking
>ARRL folks if it could be a record.

Not according to the 3830 reflector (hihi). Perhaps a QRP record, =
though.

Also close, but no record (and high power):

>
>N0JK Kansas Section A power
>
>QSOs: 137 Sections: 79 Score =3D 21,646
>
>Not bad for 100 w and a "no outside antenna" QTH.
>

And, the record:

> ARRL Sweepstakes - SSB
> =20
>Call: W4WS
>Operator(s): N4VHK, KU4BP
>Station: N4VHK
>

```

>Class: Multi-Op
>Operating Time (hrs): 11
>
>Section: NC
>
>Summary:
> Band      QSOs
>-----
> 160:      0
>  80:      5
>  40:     16
>  20:     11
>  15:     23
>  10:     24
>-----
>Total:      79 x      79  =3D 12,482
>
>Comments:
>
>Worked last section- PQ- at 14:53Z- off time from 0400-1230-
>Low power M/S
>
>Equipment: TS-850, TS-930, F12 C4XL @ 40', 15m 3l monobander
>at 35', 80 meter Horizontal loop at 40', CT v 9.46 logging-
>
>Only problem was consecutive serial numbers with the mult station-
>ended up running CT in single OP/unlimited- otherwise, first qso=20
>started at 0 (not 1) and computers would flip flop next number--
>Enjoyed having Ed KU4BP back with me in the Kiva!
>
>73,
>Henry Heidtmann, N4VHK
>W4WS Contest Crew
>Winston-Salem, NC
>
>
>
>
>Posted using 3830 Score Submittal Forms at: =
http://www.hornucopia.com/3830score/

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Date: Sun, 21 Nov 1999 20:38:04 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Marty Watt <martyw@tn.freei.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

```

Subject: [56475] Re: SS Phone; K7FD at 10w PEP
Message-ID: <Pine.GS0.4.10.9911212036150.28113-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Nov 1999, Marty Watt wrote:

> >your section which enabled the ''clean sweep.'' I'm wondering if you had
> >the lowest-QSO total for a clean sweep --- might look into that by asking
> >ARRL folks if it could be a record.
>
> Not according to the 3830 reflector (hihi). Perhaps a QRP record, though.
>

Hi All,

Sorry but 10w PEP is NOT QRP for the ARRL.

:-(

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Mon, 22 Nov 1999 04:51:31 -0800
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56476] Re: SS Phone; K7FD at 10w PEP
Message-ID: <006301bf34e8\$526d1200\$5c231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is true...and the K7FD log was sent to the ARRL as a Single Op
Unassisted Packet log...
not Q. Maybe they'll change to 10 w PEP someday, like QRPARCI...

73 John K7FD

>Hi All,
>
>Sorry but 10w PEP is NOT QRP for the ARRL.

>
>:-(
>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
>

Date: Sun, 21 Nov 1999 21:03:37 -0800
From: pete@c-zone.net
To: qrp-1@Lehigh.EDU
Subject: [56477] FS: Kanga Powermeter kit
Message-ID: <3.0.6.32.19991121210337.0140aeb0@mail.c-zone.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all:

I have a G-QRP Club kit called the 'Stockton Powermeter' packed by Kanga. I got it at Pacificon but don't really need one so have decided to sell. \$25 and I'll ship anywhere in Con-US.
I opened the pack but now re-sealed and otherwise untouched.

Pete W6WY near Redding CA

Date: Mon, 22 Nov 1999 00:51:45 EST
From: CQCL@aol.com
To: cqclist@cqc.org, qrp-1@lehigh.edu
Subject: [56478] Sweepstakes results
Message-ID: <0.728242de.256a33f1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I had more time this weekend than I have had for some time, so my goal was to=20
try to make a Clean Sweep in the ARRL SSB Sweepstakes. A Clean Sweep is whe=20
n=20
you work all 79 ARRL sections in the U.S. and Canada. =20

I made a Clean Sweep back in 1991 when I was running 100 watts. I worked the last section only seconds before the end of the event. I never thought I would work the last one, but there he was just before the end and I snagged him.

Well I have not had that kind of luck since until today. It started out very well with lots of the harder ones worked very early on. By Saturday evening I had worked all but about 12. 40m again was in great shape. I worked at least 32 states on 40 and about the same on 15 with a bit less on 10 and 20.

As before, my hardest sections would be some of the Canadian provinces and sections. Sure enough, I got to noon Sunday with only Quebec and Maritime sections left to work. I finally worked Quebec, but didn't hear a Maritime station until later in the afternoon. A VE9. Boy what a pileup. After many, many calls, he asked for the zero QRP station. I think I was almost as nervous as I was when I made my first QSO as a novice. He got the report and the rest is history ----- A CLEAN SWEEP ----- QRP!

I worked a few more stations, then shut it down for the day. Total of 233 QSOs. The rig used was my old IC-730 running 4-5 watts out (8-10 watts p.e.p.) to a G5RV up about 27 feet in the center and about 8-12 feet on the ends. Nothing special.

Now I have to send the 10 bucks to get my 1999 Clean Sweep mug to go along with the 1991 mug. It sure feels good. All of Canada, all 50 states plus Puerto Rico and the U.S. Virgin Is. Some sections have very little activity such as The Northwest Territory, ND, SD, NNY and Santa Barbara, but on the other hand, this year there were more Delaware and Wyoming stations on than ever. Maybe a "DX"-Pedition to the Northern New York section would be a good idea.

Oh well, I think I will sleep well tonight.

I hope you made a Clean Sweep, too.

Rich W0HEP
CQC #1, G-QRP #8446, NorCal
QRP-L #1817, ARRL - LM
Life=92s Too Short for \$800 Finals

Date: Sun, 21 Nov 1999 17:56:48 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: Ed Vines <evines@garlic.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56479] Re: Red Hot 20
Message-ID: <19991121175648.B2595@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

My manual is revision 1.0 and shows L6 as 10 turns and L7 as 9 turns.

Bob, w6swe/7

On Sun, Nov 21, 1999 at 04:00:22PM -0800, Ed Vines wrote:

> Hello All,
> I am finishing up building a Red Hot 20, after having a lot of fun with
> the RH 40. These are nice rigs.
>
> My problem is that the version 2.1 manual differs from the schematic
> concerning the number of turns for the L6 and L7 toroids.
> The RH20 Manual v2.1 shows L6 to have 8 turns and L7 to have 7 turns.
> The schematic shows L6 to have 14 turns and L7 to have 13 turns.
> The schematic has a more recent date, Nov. 11 vs Oct. 1999 for the manual.
>
> Has anyone built the newer version of the RH20 ? Does the difference
> matter, since the ratios are basically the same ?
>
> I have e-mailed Dave Fifeild about this, but would like to get some
> suggestions soon as replies from him take quite a long while.
>
> tnx es 72,
> Ed
> KG6WU in Gilroy,CA
>

--

Bob Nielsen	Internet: nielsen@primenet.com
Tucson, AZ	AMPRnet: w6swe@w6swe.ampr.org
DM42nh	http://www.primenet.com/~nielsen

Date: Mon, 22 Nov 1999 01:35:48 EST
From: CQCL@aol.com
To: ku7y@dri.edu, qrp-l@lehigh.edu
Subject: [56480] Re: SS Phone; K7FD at 10w PEP
Message-ID: <0.4c10d546.256a3e44@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 11/21/99 22:40:16, ku7y@dri.edu writes:

<< Hi All,

Sorry but 10w PEP is NOT QRP for the ARRL.

:- (

73, Ron, SOWP 5545M, >>

I think it is, Ron. They changed from 5 watts p.e.p. to 5 watts output for Field Day, etc. This is a recent change. We have requested the change about 2 years ago.

Oh, a number of guys are commenting on not working QRP stations. Most QRPers do not hold the frequency, but rather hunt and pounce. As a result you will have a hard time working them.. This is also true of some of the rare sections. If they do not call "CQ" but rather hunt and pounce, it is hard to ever snag them.

Rich WOHEP
Colorado QRP Club

Date: Sun, 21 Nov 1999 23:36:55 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [56481] Re: WTB: Super CMOS 3 Keyer kit
Message-ID: <199911220633.XAA14821@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>SASE to Idiom Press , Box 1025, Geyserville CA, 95441-1025 will get you a catalog on the complete keyer or the semi kit.

<<

Both are also available from Morse Express-- just email me your address if you'd like a catalog, or better yet request one on the web site at <http://www.MorseX.com>.

73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382

--

Date: Mon, 22 Nov 1999 06:44:01 -0800
From: "K7FD-N7SG" <cqdx@teleport.com>
To: <alan.kaul@worldnet.att.net>
Cc: <qrp-1@lehigh.edu>
Subject: [56482] Re: SS Phone; K7FD at 10w PEP
Message-ID: <00a501bf34f8\$06ab8120\$5c231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alan, I'm out here about a half mile from the beach on the Oregon Coast...in Seal Rock, Oregon. My last section was, amazingly enough, OREGON!

73 John

-----Original Message-----
From: Alan Kaul <alan.kaul@worldnet.att.net>
To: cqdx@teleport.com <cqdx@teleport.com>
Date: Sunday, November 21, 1999 10:34 PM
Subject: Re: SS Phone; K7FD at 10w PEP

>Well John, you replied to some of the questions on the internet---but you
>still failed to tell us what the home QTH is and the last SEC to fall.
>Still curious, pls and tn timer, 72/73 de alan
>
>Alan Kaul, W6RCL, LaCanada-Flintridge, CA
>url: <http://alan.kaul.home.att.net/>
>e-mail: w6rcl@amsat.org
>

Date: Sun, 21 Nov 1999 22:54:42 -0800 (PST)

From: Monte Stark <ku7y@dri.edu>
To: CQCL@aol.com
Cc: qrp-1@lehigh.edu
Subject: [56483] Re: SS Phone; K7FD at 10w PEP
Message-ID: <Pine.GS0.4.10.9911212239140.28680-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Nov 1999 CQCL@aol.com wrote:

>
> In a message dated 11/21/99 22:40:16, ku7y@dri.edu writes:
>
> << Hi All,
>
> Sorry but 10w PEP is NOT QRP for the ARRL.
>
> :-(
>
> 73, Ron, SOWP 5545M, >>
>
> I think it is, Ron. They changed from 5 watts p.e.p. to 5 watts output for
> Field Day, etc. This is a recent change. We have requested the change about
> 2 years ago.

Hi Rich,

Here is what is on the ARRL page under HF Contest rules:

1.2 Single Operators may be divided into sub-categories based on power output:

1.2.1. QRP: 5-W PEP output or less.

1.2.2. Low Power: 150-W PEP output or less.

1.2.3. High Power: More than 150-W PEP output.

If they have changed they are doing a good job of not letting people know! :-)

I have an email to Dan Henderson asking for a clairafication but

he will not be back in the office until the 30th!

Maybe Ed or someone else back there knows for sure.

Either way, a sweep is still a super thing to do, even with 100w!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Mon, 22 Nov 1999 02:07:47 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Alan Kaul <alan.kaul@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56484] Re: SS Phone; K7FD at 10w PEP
Message-ID: <Pine.3.89.9911220218.C18901-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Nov 1999, Alan Kaul wrote:

>
> your section which enabled the ''clean sweep.'' I'm wondering if you had
> the lowest-QSO total for a clean sweep --- might look into that by asking
> ARRL folks if it could be a record.
No, there's at least one guy (already posted this year) that makes a game
of making only 79 QSO's for a sweep.

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 22 Nov 1999 02:44:01 -0500 (EST)

From: Bob Patten <n4bp@bc.seflin.org>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56485] Re: SS Phone; K7FD at 10w PEP
Message-ID: <Pine.3.89.9911220256.B24429-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Nov 1999, Monte Stark wrote:

> Here is what is on the ARRL page under HF Contest rules:

> *****

> 1.2 Single Operators may be divided into sub-categories based on power
> output:

>

> 1.2.1. QRP: 5-W PEP output or less.

>

There is a line in the HF Contest general rules that specific contest
rules supercede the general rules when different. I don't have the SS
rules with me here at work, but do they specify a QRP limit in them which
might be different than the general rules? This might also be the case
for Field Day?

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

o00o-()-o0o

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Mon, 22 Nov 1999 02:49:20 -0500 (EST)

From: Bob Patten <n4bp@bc.seflin.org>

To: QRP-L Reflector <qrp-l@lehigh.edu>

Subject: [56486] [3830] ARRL SS SSB N6RT SO Low Power (fwd)

Message-ID: <Pine.3.89.9911220240.D24429-0100000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

----- Forwarded message -----

Date: Mon, 22 Nov 1999 02:26:21 -0500 (EST)

From: dab@home.com

To: 3830@contesting.com, dab@home.com

Subject: [3830] ARRL SS SSB N6RT SO Low Power

ARRL Sweepstakes - SSB

Call: N6RT
Operator(s): N6RT
Station: N6RT

Class: S0 Low Power
Operating Time (hrs):

Section: ORG

Summary:

Band	QSOs
160:	0
80:	3
40:	0
20:	16
15:	20
10:	40

Total: 79 x 79 = 12482

Comments:

Not much time to play this weekend.

73 de Doug, N6RT

Posted using 3830 Score Submittal Forms at: <http://www.hornucopia.com/3830score/>

--

FAQ on WWW: <http://www.contesting.com/3830faq.html>
Submissions: 3830@contesting.com
Administrative requests: 3830-REQUEST@contesting.com
Problems: owner-3830@contesting.com

Date: Sun, 21 Nov 1999 23:52:29 -0800
From: Dave Fifield <fifield@pacbell.net>
To: evines@garlic.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56487] Re: Red Hot 20
Message-ID: <[011f01bf34be\\$86f99f40\\$0100a8c0@pacbell.net](mailto:011f01bf34be$86f99f40$0100a8c0@pacbell.net)>
MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Ed,

Seems like you have spotted a typo! Thanks for letting me know.

The correct turns for the RH20 are L6 = 8t and L7 = 7t. The 14/13t numbers are for the RH40.

I'll put it in the corrections list that I'm preparing to put up on the RHR website.

Thanks es 72,
Dave Fifield
AD6A

P.S. I normally try to reply the same day (like this) but sometimes other stuff gets in the way, like my real job and family stuff. I've been away a lot on business over the past few weeks and only been able to get to email sporadically. Sorry about that.

----- Original Message -----
From: "Ed Vines" <evines@garlic.com>

> My problem is that the version 2.1 manual differs from the schematic
> concerning the number of turns for the L6 and L7 toroids.
> The RH20 Manual v2.1 shows L6 to have 8 turns and L7 to have 7 turns.
> The schematic shows L6 to have 14 turns and L7 to have 13 turns.
> The schematic has a more recent date, Nov. 11 vs Oct. 1999 for the manual.
>
> Has anyone built the newer version of the RH20 ? Does the difference
> matter, since the ratios are basically the same ?
>
> I have e-mailed Dave Fifield about this, but would like to get some
> suggestions soon as replies from him take quite a long while.

Date: Mon, 22 Nov 1999 07:34:05 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: SFIKE@twa.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56488] RE: of coax and tuners
Message-ID: <2D343922E283D211945C0008C7A41B2A0123A3DA@adntex01.excel.com>
MIME-Version: 1.0
Content-Type: text/plain

Coax should give good performance year-after-year ONLY in theory, Scott.

In real-life practice, however, even with ultra careful "sealing" of coaxial connectors, coaxial transmission lines with "inhale" and "exhale" with heating and cooling (due to sun up and sun down) and over time, "inhale" enough humidity from the air to severely oxidize the outer shield conductors, and in many cases, actually COLLECT WATER between the outer jacket and the inner conductor insulation -- especially in "low places" along the coax cable run.

Believe me, Scott, in spite of "no moving parts", conventional coaxial cable DOES "go bad"!

Sure, there are some exceptions, such as PRESSURIZED, air-dielectric coax cable, but those aren't usually found in the average ham station.

Karl K - W8Tif
McKinney, Texas

-----Original Message-----

From: SFIKE@twa.com [SMTP:SFIKE@twa.com]
Sent: Friday, November 19, 1999 10:59 AM
To: Low Power Amateur Radio Discussion
Subject: of coax and tuners

I have often read that it is wise to replace coax every few years "just to be safe".

I don't understand this philosophy; why replace the coax at all? If the coax is left alone and keeps providing good performance year in and year out, then why replace it? So as long as I don't run over it with the lawnmower, or it doesn't get hit by lightning, who cares? There's no moving parts inside coax, so its failure rate, in theory, should be zero, right?

Secondly; since the Johnson Matchbox tuners and Harvey Wells tuners are so wildly popular these days, especially when compared to other offerings from other companies like MFJ, then why doesn't some company or enterprising ham try to duplicate or reproduce them? I mean, after all, we're talking about

1950's era designs here. It should be relatively easy to duplicate now days! Or would that be some kind of copyright or patent infringement to these

desings?If the performance of these tuners are really that good, then I would think somebody stands to make a handy profit from replicating them!

Just a few issues that I thought I would share with the group that have been eating at me lately.

All comments welcome.

72
Scott,KC0BUS

Date: Mon, 22 Nov 1999 07:26:34 -0600
From: "Terry Bassett" <mutabut@net66.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56489] FOX: N/T+ Saturday Night Special
Message-ID: <000201bf34ed\$9de53140\$0b5e8bce@host.net66.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

I am posting an Early Warning fot Tony, KB9TIQ . His schedule is 0000 UTC Sunday Nov 28 World time.

Tony is 14 yrs old and a Tech+. He has built a home-made vaccuum tube transmitter out of spare parts, but it will not be what he uses for the Fox Hunt. I've lent him a TenTec 21, WM-2 & Poor Man's Paddles w/ an Atomic Keyer. Tony's QTH is on a Farm about 20 miles due south of Champaign-Urbana, Illinois. (for those of you needing to rotate your verticals...)

I had hoped to be there as he operated, but due to a Union Strike, I will be at work that evening. So, I hope several of you will take time to look for Tony and work him.

72,

Terry, KA9TXE East Central Illinois.

Date: Mon, 22 Nov 1999 09:00:13 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>

To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [56490] Re: of coax and tuners
Message-ID: <3839061D.46F2F372@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is another factor at work.

Did you ever wonder about the phrase "non-contaminating jacket" in ads for coax?

In coax that doesn't say this, chemicals in the jacket actually start to attack the braid in time. As the braid is damaged both loss and leakage increase.

In short, good coax lasts longer than cheap coax.
Any old coax should be tested if there is any doubt to its condition.

michael N6CHV

Karl Kanalz wrote:

>

> Coax should give good performance year-after-year ONLY in theory, Scott.

Date: Mon, 22 Nov 1999 09:03:31 -0500
From: "Ken Simpson" <W8EK@fdt.net>
To: "For Sale - Swap List" <forsale-swap@qth.net>, "QRP List" <qrp-l@lehigh.edu>
Subject: [56491] CW "goodies" FS
Message-ID: <01c301bf34f2\$b3522ba0\$f472fea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

CW "goodies" for sale:

Brass colored CW key. It has the shorting switch,
and is in good shape. Brand name unknown. \$ 18

Military J-37 CW key, with black oval base and knob.
Brass screws, steel shank. \$ 25

Nye Viking "Master Key" 330-001 (List \$72.95) \$ 50

Vibroplex "Original" bug, Deluxe, with chrome plated base, and shorting switch. Red finger pieces. \$ 150

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-Mail to W8EK@fdt.net or W8EK@juno.com

Voice Phone (352) 732-8400

Date: Mon, 22 Nov 99 07:18:18 -0600
From: Jack Reed <wa7lnw@infowest.com>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [56492] K2 160 meter log.....de Jack, WA7LNW
Message-ID: <19991122141703.838D720FBA@infowest.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Thanks to everyone that gave me a 160 meter contact and signal report.

Sunday night's WA7LNW K2 #660...running 5 watts on battery power..160 meter log

UTC	CALL	NAME	SENT	RCVD	QTH	COMMENTS
0120	W6NEK/QRP	Frank	539	579	Mission Viejo, CA	K2 #606
0135	N4PT	Art	559	579	Tucson, AZ	100w /
						vertical
0150	W6ZPE	Dick	579	559	Chino Hills, CA	100w /
						vertical
0204	K7RK	Ray	559	569	Eugene, OR	100w / vee
0214	NJ7M/QRP	Chuck	559	559	Boise, ID	5w
0240	W7LR	Bob	599	599	Bozeman, MT	100w / 90
						ft. vert
0300	NJ7M/QRP	Chuck	579	589	Boise, ID	My K2
						@100mw contact!
0354	W03B/QRP	Bob	339	559	CA	K2 #44B

0405	K6UA	Dale	599	589	San Diego, CA	100w /
inverted L						
0415	W6BNB	Bob	599	579	Sebaptopol, CA	100w /
vertical						
0435	WB6EER/7	Mike	579	579	Casabel, AZ	60w /
long wire						
0519	N7YQ	Stan	599+	599+10	Carson City, NV	100w /
fullwave DP						

NOTE: Chuck, NJ7M had second QSO with my K2 @ only 100 mw !
 Thanks Chuck for running QRPP test on 160.

STATION: K2 #660 @ 5 watts, battery power
 ANTENNA: Inverted-L @ 70 ft. in pecan trees

73's de Jack, WA7LNW

Cinematographer / Visual Instrumentation Engineer
 The STUDIO (jreed@thestudio.net) (435) 635-2060

Hurricane, Utah...near Zion National Park

Station: K2 #660
 NC-20
 Ten Tec 1330
 Tuna Tin 2 7043 Mhz crystal
 FT-1000MP
 TS-440 A/T
 Ameritron AL-80B

Antenna: Full-wave delta loops 40,20,30,15,10
 Inverted-L 80/160
 Beverage 300' receiving antenna

QRP ARCI #3997, QRP-L #903, FISTS #5127, ARS #518
 Zombie #658, 1999 Bumble Bee #86,

 Date: Mon, 22 Nov 1999 07:31:50 +0000
 From: Roger Hightower <n7kt@earthlink.net>
 To: n4bp@bc.seflin.org

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56493] Re: SS Phone; K7FD at 10w PEP
Message-ID: <3838F166.49448990@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yup....October 1999 QST, page 88. Item 4.2.1. "Q" for Single Op QRP (5W output or less)

No distinction between CW and SSB.

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Mon, 22 Nov 1999 09:34:11 -0500
From: "Pete Meier" <pete.meier@lmsna.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [56494] SGC-2020 FS
Message-ID: <000501bf34f6\$a4b27060\$c847fccc@zahadood.lmsna.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Now that my K2 is up and running SSB I find I have no further need of my SGC 2020. I purchased this rig at Dayton and it is less than a year old. It is in mint condition. I used it only in the shack. Includes the original manuals and box and 2 extra power connectors for making up power cables for it.

The price is \$475 plus shipping.

Pete WK8S
home email pete.meier@mindspring.com

Date: Mon, 22 Nov 1999 09:35:20 CST
From: "Tim Stabler" <tstabler@iunhaw1.iun.indiana.edu>
To: qrp-l@lehigh.edu
Subject: [56495] Re: web site for manuals

Message-ID: <464F13F2DFE@iunhaw1.iun.indiana.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7BIT

Does anyone know the web address for the site where you can find manuals to all sorts of good radio gear?

I looked at it hoping for the Millen Transmatch Junior manual, which was not there. But, yesterday I found the manual. I had taken it out of the file and had put it in one of my bookcases. Don't ask me why.

I wanted to see if I could send a copy of the manual to whoever ran that site so the Junior could be added.

Thanks

Tim

WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718

FAX: (219)980-7125

Date: Mon, 22 Nov 1999 09:06:57 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L message" <qrp-l@Lehigh.edu>
Subject: [56496] 10W PEP X QRP
Message-ID: <008e01bf3503\$b1eaeac0\$43ae30d0@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Couple years ago I ran 10W PEP in ARRL Contest and was told by then Contest Mgr that I could NOT claim QRP and would be placed in the low power category. Since then, I have always run 5W PEP using my peak reading modified WM-2. Missed sweep this year by 5 w/180 Qs.
Floyd NQ7X Phoenix ScQRPion DM33uq

Date: Mon, 22 Nov 1999 10:44:04 -0500
From: "W5TB - 'Doc' Drake" <w5tb@softhome.net>
To: <tstabler@iunhaw1.iun.indiana.edu>, Low Power Amateur Radio Discussion <qrp-
l@lehigh.edu>
Subject: [56497] Re: web site for manulas
Message-ID: <B45ECEF3.1DD3%w5tb@softhome.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

on 11/22/99 10:35 AM, Tim Stabler at tstabler@iunhaw1.iun.indiana.edu wrote:

> Does anyone know the web address for the site where you can find
> manuals to all sorts of good radio gear?

<http://bama.sbc.edu/> -Boat Anchor Manual Archives

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@arrl.net <http://www.qsl.net/w5tb/>
QRP-ARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Mon, 22 Nov 1999 14:28:20 -0000
From: "Walt Amos" <waltamos@surfree.com>
To: "Qrp-l Posts" <qrp-l@lehigh.edu>
Subject: [56498] PEP SS
Message-ID: <000401bf3509\$d0092020\$7c891b26@walatk8cv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

October 1999 page 88

4. EXCHANGE

4.2.1 "Q" for Single Op QRP (5 W output or less)

NOW YOU KNOW !!!

Date: Mon, 22 Nov 1999 10:56:31 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [56499] Max power Qrp in SSB Contests
Message-ID: <383975BF.D1926073@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Lost the post, but I think I have seen several talking about operating qrp during the Sweepstakes using 10 watts PEP.

For all ARRL HF contests, qrp is defined as 5 watts regardless of mode. Up to 150 watts is low power. Over 150 watts is high power.

If I were to operate seriously in the contest, I would ask ARRL for confirmation but my reading of the rules, is qrp is 5 watts or less.

73 de Dave, N0IT

Date: Mon, 22 Nov 1999 09:04:41 -0700
From: Brian Kassel <bkassel@dancris.com>
To: Bertie Hightower <bertieh@extremezone.com>
Cc: azqrp <azqrp@extremezone.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [56500] Re: [azqrp] November SSB Sweeps
Message-ID: <38396999.771CFC4F@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bertie Hightower wrote:

>

> I just finished my first contest ever, today using the Elecraft K2. Managed
> 114 contacts in 54 sections for a total of 12,312 points...WHAT A BLAST!!!!

Wow, glad that you "took the plunge" into contesting. Did you know that with over 100 QSO's, you can get a pun from the ARRL? It costs only 5 bucks, and are fun to collect each year. If we ever have a ScQRPion

kick butt FD, it would be great to have someone who could do SSB on 10 and 15M. Hone those skills!

> The rig worked wonderfully...very easy to use after initial training from
> Bob (KI7MN :)) No QRP contacts, however, received several positive comments
> on the "Q" signal.

I spent the weekend building and testing my K-2. Thankfully everything checked out up to phase III, which I will begin today. I am very impressed with the radio.

>

> Can't wait for next year :-)

Why wait? Try a few more contests, there seems to be on just about every weekend.

Again, Congrats!

Brian K7RE

Date: Mon, 22 Nov 1999 09:58:16 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [56501] FS or TRADE:LapTop for FRS Transceivers
Message-ID: <38398438.C98DE055@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I tried this on "the other QRP list" but got no responses. Will try here one time.

=====

I am looking for a pair of 500 mw FRS transceivers or any QRP related gear. I have the following to trade:

IBM Thinkpad 300 laptop computer
80386sl 25 mHz CPU
10" monochrome LCD display
4 MB RAM
120 MB Hard Drive
3.5", 1.44 MB Floppy
AC power supply/battery charger
Logitech 3-button mouse in separate case
Soft sided carrying case

Features and connectors:

2 serial, 1 parallel port
VGA connector for external (color) VGA monitor
Port Replicator connector
LAN (ethernet) connector with cable
Internal 2400 bps modem

Installed Software:

MS-DOS 6.22 and Windows for Workgroups 3.11
Corel WordPerfect 6.1 for Windows
Corel Quattro Pro 6.1 for Windows

Manuals:

Guide to Operation
Installation and Setup Guide
Features Guide

Everything works well except the internal battery doesn't like to
hold a charge very long. Digital photograph(s) available upon request.

--

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Mon, 22 Nov 1999 13:11:15 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Roger Hightower <n7kt@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56502] Re: SS Phone; K7FD at 10w PEP
Message-ID: <Pine.3.89.9911221312.A18396-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Nov 1999, Roger Hightower wrote:

>

> Yup....October 1999 QST, page 88. Item 4.2.1. "Q" for Single Op QRP (5W

> output or less)
> No distinction between CW and SSB.
>

But someone needs to ask N1ND at ARRL HQ how SSB output power is defined. There have always been two conflicting definitions: "PEP" and "AVERAGE". Seems to me that ARCI uses the "AVERAGE" method which assumes that "average" is 1/2 of "PEP". Thus, 10W PEP IS 5W according to that definition. I know that ARRL in the past has considered SSB output power to be PEP, but this may have been changed...

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

o00o-()-o00

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Mon, 22 Nov 1999 10:15:32 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [56503] Wire beam, low in branches works!
Message-ID: <19991122181532.27420.rocketmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This morning I had a little test with my newest antenna. It's two wire loops that I cut using the formula for a quad driven element, and reflector.

Its 1030/freq for the reflector and 1005/freq for the driven element. The DE was cut around 40'4" and the reflector is about 41'4" for 24.900MHz.

The top of the loops are around 15-16' up, and bottom of the loops are about 9' off the ground. I know quad antennas are very forgiving if you have them mounted too low, but its still amazing.

I spaced the two elements around 5' apart, but its very uneven. The shapes dictated by tree branches are non-symmetrical. The ref is a trapezoid, and DE is a leaning pizza shaped delta.

Pointed NE to catch the EuroDX, and if I hear any ZL/VK's we can try it off the back of the beam.

Today I heard GW3KGV, Ken in Powys, Wales CQ'ing with no callers. I got a chance to call him in the clear with 70mW and he gave me a 459.

That is 4347 miles from me, and with 70mW its 62,100 miles per watt.

I know you can also work DX with mW's using a vertical, and a few radial's. But sometimes I like an antenna with directivity. I will be doing some more testing with this crooked quad.

But if you want a beam antenna, and don't have a tower, consider putting up a tree quad. Read more about it on my webpage.

72/71's de Jim KJ5TF

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP#2 - 35.94N 93.47W

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Mon, 22 Nov 1999 10:17:27 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56504] Re: SS Phone; K7FD at 10w PEP
Message-ID: <Pine.GS0.4.10.9911221016430.2476-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Nov 1999, Bob Patten wrote:

> But someone needs to ask N1ND at ARRL HQ how SSB output power is
> defined.

Hi Bob,

He has been asked but will be out of the office until the 30th.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Mon, 22 Nov 1999 12:30:04 -0600
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [56505] Measuring Transistor Beta?
Message-ID: <008801bf3517\$ab92ae60\$477054d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Elmer 99 and a half--

When you guys pick up a box of 1000 transistors for \$5 at a hamfest, how to you measure the Hfe or Beta? I'm talking mainly about the high frequency Beta, so I guess we're also talking about measuring F sub t.

I've been trying to make little amplifier stages and infer the beta by measuring input and output and figuring the gain. Of course, most well designed amplifiers have gain independent of beta. I thought an amp without feedback (emitter resistor completely bypassed) would have a gain dependent on beta, but not so.

Here's what I thought would work: A standard common emitter amplifier with all resistive elements, voltage divider biased to put Vc at half of Vcc. Put a resistor in the ground lead of the source (signal generator) to use as a "shunt" to measure base current. It's 1K. Measuring the rf voltage (using a scope) at this resistor divided by 1K gives base current. Measuring rf voltage at the collector and dividing by the resistance of the collector resistor (Rc) gives the collector current. Dividing Ic by Ib gives AC beta. Problem is I get a pretty low number. Like about 1.5. So, since I measured at 1 MHz and beta is Ft/Fopr, my Ft would be 1.5 Mhz. I'm testing a 2N2222 or 2N4401 family transistor, so I think Ft oughta be in the 50 to 150 MHz range.

OK, what's the easy way? (Or the way that works?)

72,

Nick, WA5BDU

in Arkansas

Date: Mon, 22 Nov 1999 13:37:52 -0500
From: "Tom Hybiske" <hybiske@generalatronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56506] Code pratice software for Mac
Message-ID: <00de01bf3518\$afd4a860\$8c68f326@generalatronics.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm trying to help a friend out of a no-code tech rut and onto the H.F. bands. He has an Apple Mac, and I was hoping to find him a Morse tutor program that could help him along. Anybody have any suggestions (besides tossing out the Mac ;-) for software?

Also Thanks to all who responded last week to my own question concerning PC logging and cw generating programs. After looking at them all, I decided on the TRlog software. It seems to do everything I wanted, and them some!

tnx es 7 3,

Tom K3GM

Date: Mon, 22 Nov 1999 12:48:00 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: nkennedy@cswnet.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56507] RE: Measuring Transistor Beta?
Message-ID: <2D343922E283D211945C0008C7A41B2A0123A4F6@adntex01.excel.com>
MIME-Version: 1.0
Content-Type: text/plain

I always thought that transistor beta (for bipolars) was always less than 1.0, but that *alpha* could be most anything (or do I have that totally reversed?)

Karl K - W8TIF

McKinney, Texas

-----Original Message-----

From: Nick Kennedy [SMTP:nkennedy@cswnet.com]
Sent: Monday, November 22, 1999 12:30 PM
To: Low Power Amateur Radio Discussion
Subject: Measuring Transistor Beta?

Elmer 99 and a half--

When you guys pick up a box of 1000 transistors for \$5 at a hamfest, how to you measure the Hfe or Beta? I'm talking mainly about the high frequency Beta, so I guess we're also talking about measuring F sub t.

I've been trying to make little amplifier stages and infer the beta by measuring input and output and figuring the gain. Of course, most well designed amplifiers have gain independent of beta. I thought an amp without feedback (emitter resistor completely bypassed) would have a gain dependent on beta, but not so.

Here's what I thought would work: A standard common emitter amplifier with all resistive elements, voltage divider biased to put Vc at half of Vcc. Put a resistor in the ground lead of the source (signal generator) to use as a "shunt" to measure base current. It's 1K. Measuring the rf voltage (using a scope) at this resistor divided by 1K gives base current. Measuring rf voltage at the collector and dividing by the resistance of the collector resistor (Rc) gives the collector current. Dividing Ic by Ib gives AC beta. Problem is I get a pretty low number. Like about 1.5. So, since I measured at 1 MHz and beta is Ft/Fopr, my Ft would be 1.5 Mhz. I'm testing a 2N2222 or 2N4401 family transistor, so I think Ft oughta be in the 50 to 150 MHz range.

OK, what's the easy way? (Or the way that works?)

72,

Nick, WA5BDU
in Arkansas

Date: Mon, 22 Nov 1999 10:52:42 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [56508] Norcal QRP Net results.
Message-ID: <383990FA.2234@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Gang. I broke out the Vibroplex bug, it was looking lonely since I received the Vibroplex paddle. I discovered that I can hook the o-scope directly to the bug while it is connected to the K2 and check the dit contacts for a good squarewave output. I got the bug tweaked and was ready for the Norcal net on 7045 KHz Sunday Night at 6 PM (0200Z Monday UTC).

I began at about 15 WPM to keep copy easy and moved up to 20 or 22 WPM since all were operating at that speed.

We shared the latest QRP news and had decent conditions. The weather was cold in most parts and some stations had copy all around.

Results:

WB89YQJ/Don in Carlsbad, CA running K2 at 15 Watts testing it out.
K6RPN/Doug in Grass Valley, CA; 5Watts to loop up 30-35 feet.
NW7DX/Ben; 14 yrs. old in Seattle, WA; DSW-40 to Delta Loop up 70 feet. Ben heard all sigs and his new antenna is great!
AB5PC/Dave in Fresno with K2 at 5 Watts to G5RV up 30 ft.
N6LIN/Wally in Davis, CA with 4W to a vert.
K6HCJ/Marv in Van Nuys at 5W to Dipole.
WD7W/Ed in Reno, NV with a fine K2/5Watts to Vert and 30 degree temp.
NB6M/Wayne in Concord, CA; 2Watts to 80 M inv. Vee! Big 599 signals with that 80 Meter inverted Vee! Wow. Wayne has offered to practice QRQ sending with me.
AC6UV/Gody in Cerritos, CA with 5 Watts. Too cold for the Pacific Crest Trail this year, eh Gody? Har.

Thanks to all for the QNI and we had a ball. I expect that with this many check ins in such a short time the net has been around, we will be very successful and I'm very excited about it.

Come by for the WSN-40 net; Saturdays at 9:00 Am local time (1700Z) on 7040 KHz +/- QRM and end the weekend with QRP Norcal Sunday at 6PM <0200Z/Monday>.

We are glad to hear from you.

All the best to all for this holiday season!
72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2266/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Mon, 22 Nov 1999 10:48:40 -0600
From: "Mike D." <hrg@megsinet.net>
To: Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>
Subject: [56509] RE: web site for manulas
Message-ID: <000401bf3509\$6e472f80\$f6cfd6d8@urbancom.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

The BAMA (BoatAnchor Manual Archive) web site is located at:

<http://bama.sbc.edu/>

There are instructions there on how to scan and FTP them to the web site.
Ken also lists an address to mail the manual. Ken's e-mail address is
<grimm@lynchburg.net>.

73 de Mike, N9BOR
FISTS NR 4594
<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you'll ever need.
My designated driver is a 12BY7A.
I want to party like it's 1969.
Solid State leaves me cold.

> Does anyone know the web address for the site where you can find
> manuals to all sorts of good radio gear?
>
> I looked at it hoping for the Millen Transmatch Junior manual, which
> was not there. But, yesterday I found the manual. I had taken it
> out of the file and had put it in one of my bookcases. Don't ask me
> why.
>
> I wanted to see if I could send a cop[y of the manual to whoever ran
> that site so the Junior could be added.
>
> Thanks
>
> Tim
> WB9NLZ

Subject: [56511] WTB TT argosy accessories
Message-ID: <Pine.LNX.4.20.9911221446580.599-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looking for 223 noise blanker
and model 217 500hz filter

or crystals to build a cw filter.

73,

Jim n2go

Date: Mon, 22 Nov 1999 12:05:15 -0000
From: "Bob White" <bobwhite@innercite.com>
To: <qrp-1@lehigh.edu>
Subject: [56512] RS Mike for K2
Message-ID: <003001bf34e1\$d69c0ba0\$3d72b89e@ssd.loral.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I guess you can't access the mike directly from the Radio Shack database.

use <http://www.radioshack.com> and then plug in the part number which is 21
1177

Date: Mon, 22 Nov 1999 11:51:46 -0000
From: "Bob White" <bobwhite@innercite.com>
To: <qrp-1@lehigh.edu>
Subject: [56513] Fw: K2 Mike and K2 Case
Message-ID: <000c01bf34df\$f40ce3a0\$3d72b89e@ssd.loral.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

----- Original Message -----

From: W03B <W03B@innercite.com>
To: <elecraft@qth.net>
Sent: Monday, November 22, 1999 11:50 AM
Subject: K2 Mike and K2 Case

> This weekend I got a nice case for the K2 "station-in-a-case". It is
solid,
> has locks, lots of padding and inexpensive. From Sam's Club for \$29.95.
> Alltrade Professional Aluminum Deluxe Attach Stock NO 370057. Item NO
> 630215259.
>
> Picture of the case loaded with the K2, PW-1 antenna, MFJ 249, Kent
paddles,
> RS mike, coax, log, etc., is on my web site at
> <http://www.geocities.com/SiliconValley/5582>
>
> I also found a mike at the local Radio Shack in the returned pile. It is
RS
> 21-1177 and the mike has a built in amp with level control and on/off
> switch. Runs on two AAA batteries and worked fine on the K2 during the
ARRL
> SSBSS this past weekend. The mike comes with a 5 pin din. I cut the din
> off and wired it up to an 8 pin connector as if it were a Kenwood mike.
>
> Picture on the mike is on my web site at
> <http://www.geocities.com/SiliconValley/5582>
>
> Schematic of mike from RS at
>
<http://www.radioshack.com/ProductSupport/DocumentDetail/Index/1,2360,,00.htm>
> [1?Doc=/support_electronics/doc16/16215.htm](http://www.radioshack.com/ProductSupport/DocumentDetail/Index/1,2360,,00.htm)
>
> Specifications of mike from RS at
>
<http://www.radioshack.com/ProductSupport/DocumentDetail/Index/1,2360,,00.htm>
> [1?Doc=/support_electronics/doc16/16367.htm](http://www.radioshack.com/ProductSupport/DocumentDetail/Index/1,2360,,00.htm)
>
>
>

Date: Mon, 22 Nov 1999 15:15:56 -0500
From: John Seney <wd1v@amsat.org>
To: qrp-l@Lehigh.EDU
Cc: hybiske@generalatronics.com

Subject: [56514] Re: Code pratice software for Mac

Message-ID: <v04220809b45f53e574af@[24.218.87.35]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>I'm trying to help a friend out of a no-code tech rut and onto the H.F.
>bands. He has an Apple Mac, and I was hoping to find him a Morse tutor
>program that could help him along. Anybody have any suggestions (besides
>tossing out the Mac ;-) for software?

>

>

>Also Thanks to all who responded last week to my own question concerning PC
>logging and cw generating programs. After looking at them all, I decided on
>the TRlog software. It seems to do everything I wanted, and them some!

>

>tnx es 7 3,

>

>Tom K3GM

Hi Tom:

This guy you are trying to help is smarter than you think. . .

Wants to study CW, migrate to HF, uses a Mac, and has you for
a friend.

Tell him to steer his browser towards the Nirvana Stop for Hams
with Macs....

* Macnet Software Collection

ftp://www.qsl.net/pub/wd1v/mn1.sea.Hqx Collection Disk 1 - Logs + Demos
ftp://www.qsl.net/pub/wd1v/mn2.sea.Hqx Collection Disk 2 - DX + Contest
ftp://www.qsl.net/pub/wd1v/mn3.sea.Hqx Collection Disk 3 - Educ + Rem Ctrl
ftp://www.qsl.net/pub/wd1v/mn4.sea.Hqx Collection Disk 4 - Astro + FAX
ftp://www.qsl.net/pub/wd1v/mn5.sea.Hqx Collection Disk 5 - Pkt Terminals
ftp://www.qsl.net/pub/wd1v/mn6.sea.Hqx Collection Disk 6 - Mac TCP/IP

Macnet Ham HyperCard Tests Are Discontinued. Go to ARRL WWW page to download
new test pool data (questions, answers, and new graphics for EM Safety).

<http://www.blackcatsystems.com/software/elmer.html> New Shareware Called Elmer

ftp://www.qsl.net/pub/wd1v/mn7.sea.Hqx Collection Disk 7 - Morse/Exam Helpers
ftp://www.qsl.net/pub/wd1v/mn8.sea.Hqx Collection Disk 8 - Sats/Dove/GPS
ftp://www.qsl.net/pub/wd1v/mn9.sea.Hqx Collection Disk 9 - C/C++ Programming
ftp://www.qsl.net/pub/wd1v/mn10.sea.Hqx Collection Disk X - Macnet Roster
"Who's Who" of Hams Using Macs! HyperCard stack with more than 880

entries giving the names, addresses, phone numbers, of radio operators all over the world that are using Macs. Check out their projects and their passions and put a design on your Mac Radio future when you see what neat things are being done!

73!

```
(( ( \
  \x 0__~\
  \x_\@_^\__*)
    0      \o
```

John Seney, WD1V [FN42]
<http://www.qsl.net/wd1v>
Manchester NH 03103 USA
FISTS #5014 Macnet
Radio & Scope FAQs

Date: Mon, 22 Nov 1999 15:17:00 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56515] Re: WTB TT argosy accessories
Message-ID: <Pine.LNX.4.20.9911221515540.693-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I forgot to mention... I would trade a 6 meter transverter for the pair of accessories or pay cash.

73,

Jim n2go

On Mon, 22 Nov 1999, James Skalski wrote:

```
> Looking for 223 noise blanker
> and model 217 500hz filter
>
> or crystals to build a cw filter.
>
>
> 73,
>
> Jim n2go
>
```

Date: Mon, 22 Nov 1999 12:44:33 -0800
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [56516] TIP50 deal
Message-ID: <3839AB31.AE53AA67@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you use TIP50's this is a good price:
<http://www.newark.com/products/blowout/69.html>

Minimum order is \$25 though!?

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>
+++++
Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Mon, 22 Nov 1999 20:42:03 +0000
From: "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
To: pete@c-zone.net
Cc: qrp-1@lehigh.edu
Subject: [56517] FS: Kanga Powermeter kit
Message-ID: <E11q0Hd-0002xk-00.1999-11-22-20-41-57@mail21.svr.pol.co.uk>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gangue,

Great kit, works well, am biased, mine is an original Dave Stockton
Beta model, calibrated against lab standards at work THIS IS SUPERB!

Go for it! at \$25 it's a good one.

Disclaimers do not apply! Dave Stockton is a brilliant guy, and this kit
is great.

Regards

Mel

Visit <http://www.santamail.freeseerve.co.uk> to send a note to Santa

Arachne, the Internet Suite and "QRP" Browser for DOS, supports tables, graphics, animations, forms, HTML 4.0 Transitional Pages and more!

<http://www.arachne4dos.freeseerve.co.uk>

e-mail to: gm6jag@arrl.net
or: mel@euramcom.freeseerve.co.uk

72 & 73 de Mel
GM6JAG
Edinburgh Scotland UK
Home of the last HW9

Date: Mon, 22 Nov 1999 14:43:21 -0600
From: "Kevin Glynn" <9glynn@sverdrup.com>
To: <qrp-1@Lehigh.EDU>, <malman@world.std.com>
Subject: [56518] CONTEST: SS Phone Test !!!
Message-ID: <s839569e.095@smtpmime.sverdrup.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hey Joel,

I had a tough go for a while. I tail-ended about 5 of your QSOs late = yesterday afternoon while you were going up the band. One guy asked how = many multipliers you had at one point. I guess you were in the skip zone = to me in NYC.

I had 105 QSOs at 5 watts in 6 hours, actually more like 5 1/2 hours.

I worked Bob N4BP on 10 meters also. The QRM was so rotten on 20 meters = that I didn't stand a chance to work Bob there!

72 Kevin N2T0

Date: Mon, 22 Nov 1999 14:37:13 -0500
From: DNT1@daimlerchrysler.com
To: qrp-l@Lehigh.EDU
Subject: [56519] FS: QRP related equipment
Message-ID: <85256831.007448A1.00@lngshc01.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I have the following for sale; use the email address below so that your response will get past the firewall if you get bounces:

MFJ 781 DSP unit w/manual. Works but does much more than I needed from it. I only needed the CW portion of it, now have an older MFJ CWF-2 that does the job for me without the complexity of the 781. \$65 OBO + shipping

Heathkit HW-8 QRP transceiver with PS cable & copy of manual/HW handbook and a couple of other articles on modifying the rig. Works, covers 80, 40, 20, 15 meter bands. Used for portable QRP operations & looks the part!
\$150 OBO + shipping

MFJ 259 Antenna Analyzer w/carry case. Works well, just don't use it enough to justify it's space in the shack. Not a 'B' model but still much nicer than a 249. \$150 OBO + shipping

Don T. AI4CW AI4CW@ARRL.NET Toney, AL EM64pw
QRP-L#1670

Date: Mon, 22 Nov 1999 16:23:20 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "Homebrew Reflector" <homebrew@qth.net>
Subject: [56520] RE: TIP50 deal... there's more
Message-ID: <NBBDJDEEIFDDANGEGHLBMEJOHNAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys there's a number of GREAT deals (in addition to TIP50s [500V 1A T0-220

NPN] for \$0.26) on that same page: TIP125s (60V 5A PNP DARL TO-220) for \$0.27; BUZ73A NchMOS (200V 7A) for \$0.41; and my VERY favorite line voltage surge-protection varistor, the V130LA20, for \$0.20 each. Even with a \$25 min. order, you ought to be able to find enough stuff there!!!

The URL was: <http://www.newark.com/products/blowout/69.html>

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Mon, 22 Nov 1999 21:36:52 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [56521] Phone SS
Message-ID: <19991122.213711.3894.0.wd3p@juno.com>

Well I jumped into the fray of SS on the phone side to the tune of 14 QSOs. I haven't added up the points yet. Those were my first 14 SSB QSOs of the year so it's a lot. Almost couldn't find the mike.

And for those who found DE hard to get, W3PP in DE got my number 10.

73/72 de Larry.....WD3P in MD

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Date: Mon, 22 Nov 1999 17:25:55 -0500
From: Tom M <tjmc@erols.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [56522] CONTEST: SS on 5w
Message-ID: <3839C2F3.3E3BC9BE@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's great to work the SS... you can do WAS in one day AND all at QRP levels.

Sorry to say I didn't make a clean sweep, Missed most of the VE sections and some CA (and was there anyone on from NM??) . But I beat my last years score and that's what I wanted.

End results after a few deletes is 71 sections and 254 Qs in abt 18hrs, all on a Gap vertical

I love this QRP!

73

Tom aa2vk

Date: Mon, 22 Nov 1999 14:42:25 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [56523] Latest Arkansas QRP club newsletter on website
Message-ID: <19991122224225.27811.rocketmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The latest AR QRP newsletter is posted on the NQ5RP webpage.

Membership, as always is always free.

<http://www.qsl.net/nq5rp/>

72/71's de Jim KJ5TF - ARQRP #2

=====
Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
AR QRP#2 - Kingston, Arkansas - 35.94N 93.47W

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Mon, 22 Nov 1999 17:41:56 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [56524] Mobile antennas, antennas & tuners
Message-ID: <19991122.175444.-631001.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Well, this has been an interesting way to spend a sundown.

I got home around 4 pm, checked in on the kid (who stayed home sick from school), went to the Ohio EPA project & got the nicer looking Sentra E-checked sozat I can renew the tags & drive it another year, and then came home and turned on the slobbering iron.

I needed to fix up the box of crap lash-up betwixt the car's 13.6 VDC system & the K2's DC needs. Got that done, and, having already played Mr Allen Wrench with an antenna mount I bought at Rogers, I pretended to know what I was doing with a SWR meter, a Ten Tec 10m mobile antenna and two Transel Tech sticks, one for 40 & one for 75. And a tunable to 10m ex-CB antenna piece that I had in the trunk for a couple years.

Cindy calls it the "Antenna Dance." Tune. Check SWR. Tune. Check SWR. Tune. Check SWR. Tune. Check SWR. Tune. Until finally the SWR looks reasonable & the signals are better sounding. Well, louder, ok?

I did that dance on 10 to no real appreciable avail, on 75 more or less with some success & on 40 with moderate success. As in success was getting the SWR below 2. I'm a perfectionist, ok? So 2 is as high as I will even begin to think about using as a best-case-scenario.

Then I drag the Z-match out to the car & use it. I can, with the 10m peg lashed on, tune 10 & 12m fairly cleanly. Below 2:1. I put the 75m stick on, forget that I put the 75m stick on, and try to tune 40. Bad juju. No tune-ee. Discover I've got the 75m stick on, tune for 75 & see a nice dip around the frequency of intended submission, 3785. Put the 40m stick on & do the same thing. Very interesting.

So . . . I guess this means that I need to consider a trunk-mounted, remotely tuned or auto-tuned antenna coupling doodad so I can play mobile radio. I'd like to be able to do that maybe next summer when I go to the beach. (Cindy wants to drive like a bat out of Interzone through all the great southwest in three weeks and see Yellowstone, the Grand Canyon & some other place that would make the trip too much like "If this is Tuesday, this must be Andhra Pradesh.")

Maybe I shouldn't have sold the LDG, eh?

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes

Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

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-- Comrade Sergei Nikolaevich McTovarishov --

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Date: Mon, 22 Nov 1999 17:54:35 -0500

From: Nils R Young <nilsbull@juno.com>

To: QRP-L@lehigh.edu

Subject: [56525] Z-match vs T-match

Message-ID: <19991122.175444.-631001.2.nilsbull@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gang,

Saw the question in the digestable form & remembered that I should stick my nose in this one too.

I've used T-matches almost exclusively for the past 25 years or so. There was a while, in the beginning of my ham depravity, when I used a kinda PI-section tuner that worked pretty well. I had that one for maybe 8 years before giving up & building the "Ultimate Transmatch" out of the ARRL book. Ain't changed since then.

But when I got into this QRP stuff serious again & thought about antenna tuners, the idea of a simple two-knob, no band switch, moderately easy to build, efficient tuner seemed a logical goal. So I built about five or six different ones before landing face-up on the floor with the Z-match.

Stole the circuit off a couple web pages, none of which I recorded & none of which I remember.

Anyway, I use the T-match on the TR7 'cause the T-match voltages don't seem to be as nasty on the capacitor plates as on the Z-match. Power levels over maybe 25 W will arc on a Z-match tuning weird stuff. Not so much (but possible under the worst conditions) with the T-match.

But the T-match requires too much extra stuff. A band switch or rotary inductor, insulated doodads & a 4:1 balun for unbalanced lines. On the

Z-match, there's one cap floating & only one switch for balanced to unbalanced line configuring. Very simple circuit. Only problem is if you want wide range, like a 160 through 10m continuous set up.

Better to have a dedicated purpose low band unit (160 through maybe 40) 'cause of the coil size, caps & so forth.

If I were starting over, with present technology & parts availability, I'd build a Z-match & be done with it.

Life's too short of T-matches.

73

Nils

. . . unless it's one of those mud wrestling things with the chickens & a beach ball . . . but then you need to have the lizard boys from Venus control the access to elevator shafts . . . which messes with the lighting & requires a different sandwich plate . . . the little ones with turkey & ham always get green . . . once they had a biscuit party over on the launch pad with . . . mongooses everywhere . . . the poor duke . . . carried that schlup to his grave . . .

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

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Date: Mon, 22 Nov 1999 16:41:10 -0700

From: "Floyd Smithberg" <flydnq7x@primenet.com>

To: "QRP-L message" <qrp-l@Lehigh.edu>

Subject: [56526] No SS SSB sweep

Message-ID: <002201bf3543\$25894fa0\$d73684ce@primenet.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Tried for sweep, not score and managed 74 sec/ 180Qs w/ 5W PEP.....Got NWT,

PR, HI, VI etc....heard few others I needed but they were not CQ'g....many nice comments on QRP sig.....worked no other QRP stations.....S&P all the way..... tried a few CQs but not productive....still a challenge and fun. Next, CQ WW DX.

Floyd NQ7X Phoenix ScQRPion DM33uq

Date: Mon, 22 Nov 1999 18:45:39 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: qrp-l@Lehigh.EDU
Subject: [56527] TT argosy?
Message-ID:
<Pine.LNX.4.20.9911221843110.1008-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Are there any Ten tec collectors/users that know the answer to this question? I have an argosy II serial number 02644. Does it require noise blanker model 223 or 223A ? Since I am looking for one; I should probably find out :-)

73,

Jim n2go

End of QRP-L Digest 1647

